EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	161	(scatter adj (plot or graph or point$1)) same noise	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46
L3	13	2 same gaussian	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46
S1	1	"20050190825".pn.	US-PGPUB; USPAT	OR	ON	2007/03/28 08:38
S2	1	"5285474".pn.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:25
S3	1396	detect$3 same (gauss$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:32
S4	1	S1 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:05
S5	81	S3 same background	US-PGPUB; USPAT	OR	ON	2007/03/27 13:53
S6	19	S5 and (power adj level)	US-PGPUB; USPAT	OR	ON	2007/03/27 13:05
S7	950	level near power near noise	US-PGPUB; USPAT	OR	ON	2007/03/27 14:42
S8	5717	S7 adn 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:54
S9	22	S7 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:54
S10	16	level near power near noise near detect$3	US-PGPUB; USPAT	OR	ON	2007/03/27 14:36
S11	26	S7 and AWGN	US-PGPUB; USPAT	OR	ON	2007/03/27 14:42
S12	1334	detect$3 near (noise adj2 level)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:34
S13	3	S12 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 07:33
S14	1492	measur$3 near (noise adj2 level)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:34
S15	12	S14 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 07:35
S16	1	asymmetric adj gaussian adj noise	US-PGPUB; USPAT	OR	ON	2007/03/29 07:55
S17	1396	detect$3 same (gauss$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 08:44
S18	39	detect$3 near (gauss$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 11:02
S19	46	asymmetric near noise	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02

S20	374	asymmetric same gaussian	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02
S21	4	S20 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02
S22	472	ADSL and (gaussian or AWGN)	US-PGPUB; USPAT	OR	ON	2007/03/28 14:27
S23	57	S22 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:26
S24	289	ADSL and ((gaussian adj noise) or AWGN)	US-PGPUB; USPAT	OR	ON	2007/03/28 14:28
S25	37	S24 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:28
S26	46	asymmetric near noise	US-PGPUB; USPAT	OR	ON	2007/03/29 08:08
S27	1	"6633545".pn.	US-PGPUB; USPAT	OR	ON	2007/03/29 08:09
S28	9	(US-20030099286-$).did. or (US-6161209-$ or US-5909178-$ or US-6999507-$ or US-6738418-$ or US-6433819-$ or US-6721394-$ or US-7155007-$ or US-6633545-$).did.	US-PGPUB; USPAT	OR	ON	2007/03/29 09:10
S29	3	S28 and gain	US-PGPUB; USPAT	OR	ON	2007/03/29 09:11
S30	92	(gain adj factor) same (noise near level)	US-PGPUB; USPAT	OR	ON	2007/03/29 09:28
S31	2	S30 and (375/222.ccls. or 375/260.ccls. or 375/285.ccls. or 375/346.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/29 09:12
S32	55	asymmetric same symmetric same noise same (equivalent or equal or similar or related)	US-PGPUB; USPAT	OR	ON	2007/03/29 13:56
S33	3468	375/260.ccls. or 375/284.ccls. or 375/346.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/29 13:57
S34	67	S33 and (noise near level) and asymmetric$2	US-PGPUB; USPAT	OR	ON	2007/03/29 14:39
S35	1	"5479447".pn.	US-PGPUB; USPAT	OR	ON	2007/03/29 14:39
S36	13	(US-20030099286-$ or US-20030048368-$ or US-20020044597-$).did. or (US-6161209-$ or US-5909178-$ or US-6999507-$ or US-6738418-$ or US-6433819-$ or US-6721394-$ or US-7155007-$ or US-6633545-$ or US-7035661-$ or US-6052420-$).did.	US-PGPUB; USPAT	OR	ON	2007/03/29 14:44

S37	0	S36 and bit$1load$3	US-PGPUB; USPAT	OR	ON	2007/03/29 14:45
S38	11	S36 and bit	US-PGPUB; USPAT	OR	ON	2007/03/29 14:45
S39	83	bit$1load$3 same (signal$4noise or "SNR")	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46

From: Deppe, Betsy L.
Sent: Thursday, March 29, 2007 10:50 AM
To: Nguyen, Leon-Viet Q.
Subject: RE: help on case #10789552

Search 375/260 for multi-tone/DSL systems.

Search 375/224, 284, 285, 346 - relevant to noise

Class 379/93.01 may have modems.

Class 702 involves measuring. Maybe you can check with someone there for additional search.

-----Original Message-----
From: Nguyen, Leon-Viet Q.
Sent: Wednesday, March 28, 2007 2:20 PM
To: Deppe, Betsy L.
Subject: help on case #10789552

Hi Betsy. I know you're probably busy since it's the end of the quarter but I was wondering if you could quickly help me on case #10789552. It's dealing with detection of a noise power levels and DSL modems. I've searched in 375/22 but not sure where else i can search. Specifically about the asymmetric noise. Can you give me other places to search and maybe some key terms to search? Thanks.

Leon-Viet Nguyen
Art Unit 2611, JEF 2A70
Ext. 01185

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Web   Results **1 - 10** of about **1,040,000** for <u>biased</u> <u>gaussian</u> <u>noise</u>. (0.17 seconds)

[PDF] <u>Multicarrier bit-loading in presence of **biased Gaussian noise** ...</u>
File Format: PDF/Adobe Acrobat
for **Biased-Gaussian noise** sources and its implications on bit-. loading. ... loading, a
biased Gaussian noise source can be treated as an ...
ieeexplore.ieee.org/iel5/9640/30469/01405207.pdf - <u>Similar pages</u>

   <u>Welcome to IEEE Xplore 2.0: Multicarrier bit-loading in presence ...</u>
   The BER-equivalent **noise** for a **biased-Gaussian noise** is simply the amplified version of
   the underlying **Gaussian noise** source. The amplification factor is ...
   ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1405207 - <u>Similar pages</u>
   [<u>More results from ieeexplore.ieee.org</u>]

<u>Biased Gaussian noise source for digital-transmission-system ...</u>
A **biased Gaussian** source is described for use in simulation studies of digital transmission
systems. It enables low error rates due to **Gaussian noise** plus ...
adsabs.harvard.edu/abs/1983EIL....19..549A - <u>Similar pages</u>

<u>Error and **Bias** in the STSDAS fitting Package</u>
Triangles: **Gaussian noise**. Points below the zero line mean that the ... Figure: Double
Planck function **bias** and errors. The two temperatures and the largest ...
www.cv.nrao.edu/adass/adassVI/buskoi.html - 10k - <u>Cached</u> - <u>Similar pages</u>

   [PS] <u>Error and **Bias** in the STSDAS tting Package</u>
   File Format: Adobe PostScript - <u>View as Text</u>
   may generate **biased** coecients (at the few percent level), and over or ... When applied to a
   power-series polynomial with **Gaussian noise**, both linear ...
   www.cv.nrao.edu/adass/adassVI/reprints/buskoi.ps.gz - <u>Similar pages</u>

<u>Interpret CCD Read **Noise** Frame FFTs</u>
This supports our earlier finding that the histogram of the QSI 504 **bias** frame displayed a
smooth **Gaussian** distribution. The FFT of the read **noise** frame ...
www.qsimaging.com/ccd_noise_ffts.html - 18k - <u>Cached</u> - <u>Similar pages</u>

[BOOK] <u>Machine Reconstruction of Human Control Strategies - Google Books Result</u>
by Dorian Šuc - 2003
We call this **biased Gaussian noise**. **Biased Gaussian noise** is obtained from ... Note that
biased Gaussian noise thus has the same a,but of course no longer ...
books.google.com/books?isbn=158603376X...

<u>Flux Overestimation Vs. SNR</u>
All the sources of non-**Gaussian noise** only increase our actual flux overestimation. ... I
have plotted the J flux **bias** vs. J true flux, H flux **bias** vs. ...
spider.ipac.caltech.edu/staff/tchester/2mass/processing/flux_bias_by_snr.html - 12k -
<u>Cached</u> - <u>Similar pages</u>

<u>Information complexity-based regularization parameter selection ...</u>
Therefore, CL can be considered as a **bias**-corrected information criterion for the white
Gaussian noise case with a correctly specified model. ...
www.iop.org/EJ/article/0266-5611/18/2/101/ip22l1.html - <u>Similar pages</u>

[BOOK] Machine Learning: ECML 2000 : 11th European Conference on Machine ... - Google
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by Ramón López de Mantaras, (, Enric Plaza - 2000 - 460 pages
We call this **biased Gaussian noise**. **Biased Gaussian noise** is obtained from ... Note that
biased Gaussian noise thus has the same 0-, but of course no longer ...
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